

# **FL26S2**

# TUNING FORK CRYSTAL UNIT IN Ø2x6mm SMD FORMED METAL CAN PACKAGE.

### PRODUCT FEATURES

- Package dimensions Ø2x6mm with 2 formed leads for SMT.
- Reliable vacuum sealed metal can package.
- Suitable for low power consumption applications.
- Suitable for +260°C Reflow soldering process.
- ROHS compliant by exemption and HALOGEN-FREE.

#### **APPLICATIONS**

- Real time clocksTV, LCD monitors
- Timer and controllers
- Cable modems

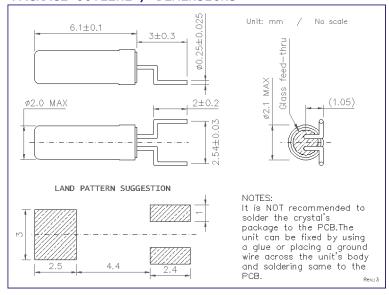
# PRODUCT PHOTO (NOT IN SCALE)



### **PRODUCT SPECIFICATIONS**

PARAMETER	FL26S2		CONDITIONS / REMARKS
Nominal frequency range	32.768kHz	28 ~ 80kHz	Please contact us for
Vibration mode	Fundamental		available frequencies.
Frequency tolerance	±20ppm / ±30ppm / ±50ppm / ±100ppm		Other options available.
Stability over temperature	-0.036ppm/°C <sup>2</sup>	-0.034ppm/°C <sup>2</sup>	Parabolic coefficient.
Operating temperature range	-20 to +70°C or -40 to +85°C		Other options available.
Turnover temperature	+25±5°C		
Equivalent series	<40kΩ	<40kΩ	<40kHz
resistance (ESR)		<30kΩ	>40kHz
Shunt capacitance	1.8pF	2.0pF	Typical
Motional capacitance	3.0fF	1.5~4.0fF	Depending on frequency.
Load capacitance	6 ~ 12.5pF	6~32pF or SERIES	Please specify.
Drive level	0.1μW TYP / 1.0μW MAX		
Aging first year	±5ppm		At +25°C

### PACKAGE OUTLINE / DIMENSIONS



#### PACKAGING INFORMATION

- Tape & Reel compliant to EIA-481.
- Embossed carrier width 16mm.
- Component pitch in carrier 8mm.
- Reel diameter 180mm or 330mm.
- QTY per reel: 1,000pcs or 3,000pcs

## RECOMMENDED REFLOW PROFILE

